

# 1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55℃~150℃

Humidity(max)/最大潮湿: <=95% [at 60 deg C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

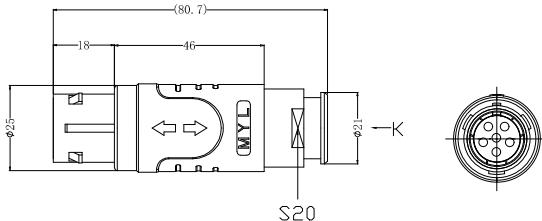
## Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 6.1\text{mm}-\phi 7.0\text{mm}$



## 2. 电气性能

Insert Configuration/针芯配置: 4BP. 306 6Low Voltage

Pin Size/接触件直径:  $\phi 2.0\text{mm}$

Contact resistance接触电阻:  $\leq 3.5\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M  $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 2000V(AC)

Rated working current额定工作电流: 24.0A

## Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

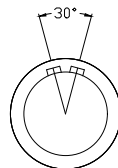
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

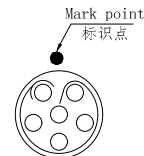
Insulator material/绝缘体材料: PPS

IP Rating/防护等级: IP50


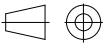
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



Plug front view  
插头前视图



view K  
K向孔位排列

DRAWN BY: 绘图: P003 2024.05.28 CHECKED BY: 审核: Z01 2024.05.28 APPROVED BY: 核准: P005 2024.05.28	 美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.	单位 UNIT: mm 名称 PART NAME 比例 SCALE: 1:1 型号 PART NAME	TG-4BP直式插头(带护套式尾帽) TG-4BP Straight Plug (with jacketed tail cap)
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$	 FIRST ANGLE PROJECTION	名称 PART NAME 型号 PART NAME	TGA. 4BP. 306. KWLD72Z
REV/版本	AI	SHEET: 1 OF 1	